

WHAT IS CLAIMED IS:

1. A child resistant, flip-top plastic closure for a container, comprising:
 - a closure main body that is adapted to be secured to a container, said closure main body having an orifice defined therein for dispensing a substance from the container;
 - a lid member that is hingedly mounted to said closure main body for movement between a first closed position wherein said lid member covers said orifice and an open position wherein said orifice is uncovered by said lid member; and
 - child safety interlock means for securing said lid member in said first, closed position relative to said closure main body until an unlocking action other than lifting said lid member is performed by a consumer.
2. A child resistant flip-top plastic closure for a container according to claim 1, wherein said closure main body further comprises retention means for deterring removal of said closure from the container after the closure has been secured to the container.
3. A child resistant flip-top plastic closure for a container according to claim 2, wherein said retention means is constructed and arranged to prevent removal of the closure from the container by a person having strength that is expected of a small child.
4. A child resistant flip-top plastic closure for a container according to claim 2, wherein said closure main body comprises a threaded internal surface that is sized and shaped to be screwed on to an externally threaded finish portion of a container, and wherein said retention means comprises ratchet means for deterring unscrewing of the closure main body from the container.
5. A child resistant flip-top plastic closure for a container according to claim 4, wherein said ratchet means is constructed and arranged to prevent unscrewing of the closure main body from

the container when a minimum unscrewing torque is applied to the closure, and wherein said minimum unscrewing torque is at least 20 inch-pounds of torque.

6. A child resistant flip-top plastic closure for a container according to claim 1, wherein said lid member comprises a plug for sealing said orifice when said lid member is in the first, closed position.
7. A child resistant flip-top plastic closure for a container according to claim 1, wherein said child safety interlock means comprises latch means for releasably engaging structure on one of said lid member and said closure main body and selective actuation means that is selectively actuatable by the consumer for releasably disengaging said latch means.
8. A child resistant flip-top plastic closure for a container according to claim 7, wherein said latch means is for releasably engaging structure on said lid member.
9. A child resistant flip-top plastic closure for a container according to claim 8, wherein said actuation means is mounted on said closure main body.
10. A child resistant flip-top plastic closure for a container according to claim 9, wherein said actuation means is integral with said closure main body.
11. A child resistant flip-top plastic closure for a container according to claim 10, wherein said actuation means comprises at least one lever member that is cantilevered to said closure main body.
12. A child resistant flip-top plastic closure for a container according to claim 11, wherein said latch means is located at a distal end of said lever member.

13. A child resistant flip-top plastic closure for a container according to claim 11, wherein said lever member is constructed and arranged to be depressible by a consumer by exerting a radially inward force against an outer surface of said lever member.

14. A child resistant flip-top plastic closure for a container according to claim 13, further comprising gripping structure provided on said outer surface of said lever member for aiding a consumer in gripping said outer surface.

15. A child resistant flip-top plastic closure for a container according to claim 8, wherein said lid member has a detent defined therein, and wherein said latch means is constructed and arranged to releasably engage said detent.

16. A child resistant flip-top plastic closure for a container according to claim 15, wherein said lid member comprises a top wall and a downwardly depending generally cylindrical sidewall, and wherein said detent is defined in said sidewall.

17. A child resistant flip-top plastic closure for a container according to claim 7, wherein said selective actuation means is constructed and arranged to releasably disengage said latch means when a consumer exerts a predetermined force on at least one actuation surface.

18. A child resistant flip-top plastic closure for a container according to claim 17, wherein said predetermined force comprises at least about 0.5 pounds of force.

19. A child resistant flip-top plastic closure for a container according to claim 17, wherein said actuation force is exerted in a radially inward direction.

20. A child resistant flip-top plastic closure for a container according to claim 17, wherein said selective actuation means comprises two of said actuation surfaces, and wherein said actuation surfaces are diametrically opposed.

21. A child resistant flip-top plastic closure for a container according to claim 7, further comprising indicia on said lid member instructing a consumer how to actuate said actuation means.

22. A child resistant container assembly, comprising:

- a container having at least one sidewall that defines an interior space, said container comprising a neck portion with external threading provided thereon;

- a closure main body having internal threading that is interengaged with said external threading of said container neck portion, said closure main body having an orifice defined therein for dispensing a substance from the container;

- retention means for deterring removal of said closure main body from said container after the closure main body has been screwed onto said container;

- a lid member that is hingedly mounted to said closure main body for movement between a first closed position wherein said lid member covers said orifice and an open position wherein said orifice is uncovered by said lid member; and

- child safety interlock means for securing said lid member in said first, closed position relative to said closure main body until an unlocking action other than lifting said lid member is performed by a consumer.

23. A child resistant container assembly according to claim 22, wherein said retention means is constructed and arranged to prevent removal of the closure from the container by a person having strength that is expected of a small child.

24. A child resistant container assembly according to claim 22, wherein said closure main body comprises a threaded internal surface that is sized and shaped to be screwed on to an externally threaded finish portion of a container, and wherein said retention means comprises ratchet means for deterring unscrewing of the closure main body from the container.

25. A child resistant container assembly according to claim 24, wherein said ratchet means is constructed and arranged to prevent unscrewing of the closure main body from said container when a minimum unscrewing torque is applied to the closure, and wherein said minimum unscrewing torque is at least 20 inch-pounds of torque.

26. A child resistant container assembly according to claim 22, wherein said lid member comprises a plug for sealing said orifice when said lid member is in the first, closed position.

27. A child resistant container assembly according to claim 22, wherein said child safety interlock means comprises latch means for releasably engaging structure on one of said lid member and said closure main body and selective actuation means that is selectively actuatable by the consumer for releasably disengaging said latch means.

28. A child resistant container assembly according to claim 27, wherein said latch means is for releasably engaging structure on said lid member.

29. A child resistant container assembly according to claim 28, wherein said actuation means is mounted on said closure main body.

30. A child resistant container assembly according to claim 29, wherein said actuation means is integral with said closure main body.

31. A child resistant container assembly according to claim 30, wherein said actuation means comprises at least one lever member that is cantilevered to said closure main body.
32. A child resistant container assembly according to claim 31, wherein said latch means is located at a distal end of said lever member.
33. A child resistant container assembly according to claim 31, wherein said lever member is constructed and arranged to be depressible by a consumer by exerting a radially inward force against an outer surface of said lever member.
34. A child resistant container assembly according to claim 33, further comprising gripping structure provided on said outer surface of said lever member for aiding a consumer in gripping said outer surface.
35. A child resistant container assembly according to claim 27, wherein said lid member has a detent defined therein, and wherein said latch means is constructed and arranged to releasably engage said detent.
36. A child resistant container assembly according to claim 35, wherein said lid member comprises a top wall and a downwardly depending generally cylindrical sidewall, and wherein said detent is defined in said sidewall.
37. A child resistant container assembly according to claim 27, wherein said selective actuation means is constructed and arranged to releasably disengage said latch means when a consumer exerts a predetermined force on at least one actuation surface.
38. A child resistant container assembly according to claim 37, wherein said predetermined force comprises at least about 0.5 pounds of force.

39. A child resistant container assembly according to claim 37, wherein said selective actuation means comprises two of said actuation surfaces, and wherein said actuation surfaces are diametrically opposed.

40. A child resistant container assembly according to claim 27, further comprising indicia on said lid member instructing a consumer how to actuate said actuation means.

41 . A child resistant container assembly according to claim 37, wherein said selective actuation means is constructed and arranged to releasably disengage said latch means when a consumer exerts a predetermined radially inward force on at least one actuation surface.